



Release Notes

Federal Acquisition Service (FAS)
Regional Business Application (RBA)
Software Version 10.6.0

Prepared for GSA Users by TechFlow, Inc.

Version 1.0

October 28, 2010

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TASK TITLE: General Services Administration (GSA) Regional Business Application (RBA) Project
DOCUMENT TITLE: Regional Business Application V10.6.0 Release Notes
VERSION NO: 10.6.0
DATE: October 28, 2010

1 TASK REQUIREMENTS

Task Client

General Services Administration (GSA)
Federal Acquisition Service (FAS)
Office of the Chief Information Officer
2100 Crystal Drive, Room 11052
Arlington, VA 22202

Introduction

The following Release Notes describe content to be delivered through an enhancement to the Regional Business Application (RBA) software.

Purpose

The main purpose for this release is to update the current design of the RBA in an effort to deliver additional functionality in support of user requirements specific to enhanced workflow for the realignment of funds on single mods. The enhancement was accomplished through the following Change Requests:

ITSS:

- CHG60281: Realignment of Funds on a Single Mod

ITOMS:

- CHG59572: Realignment of Funds on a Single Mod

1.1 Definition & Goal

The goal of the realignment of funds process is to move an obligation from one task item to another task item, whereby the funds being moved remain obligated on a single citation and the entire process is performed in one single order modification.

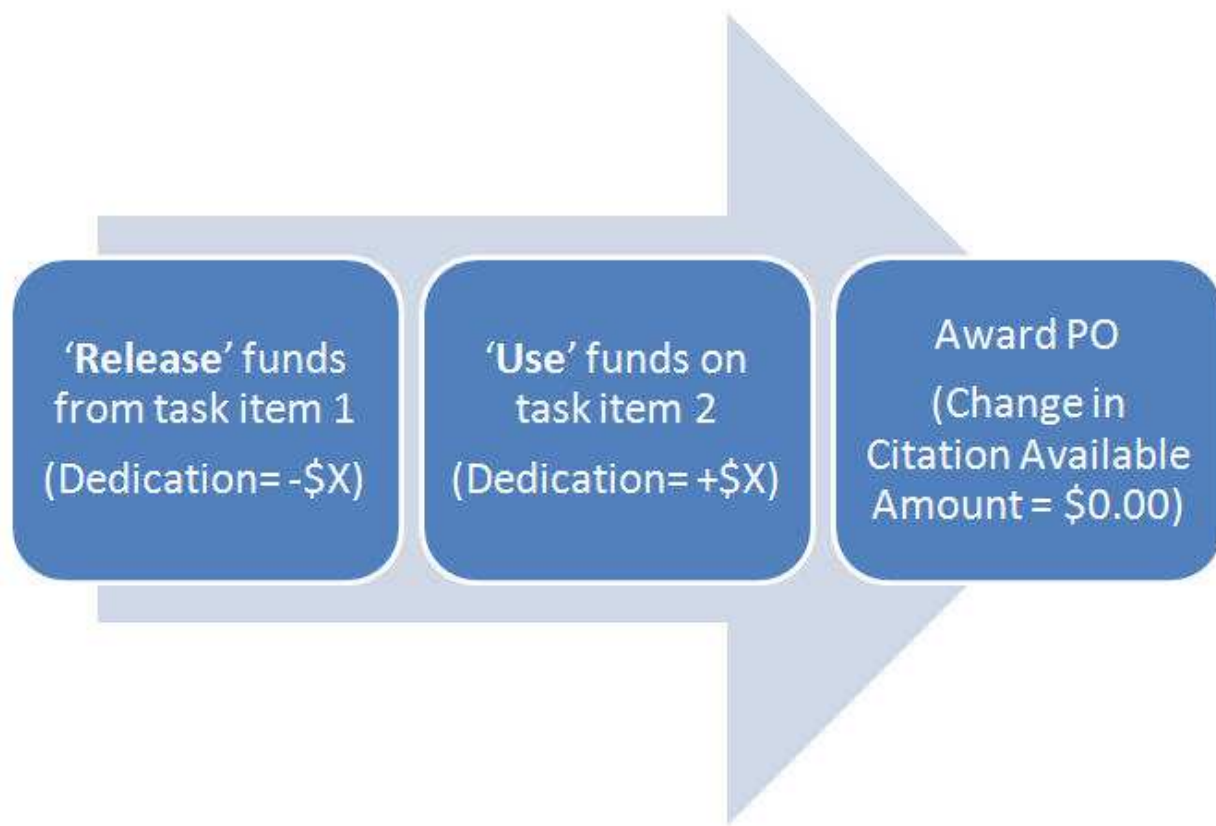


Figure 1: Realignment of Funds Goal

Prior to the release of this change request, users had to award two order modifications to perform the realignment of funds process:

1. The first mod had to negatively obligate amount X from task item A on Citation Y (see Figure 2)
2. The second mod had to positively obligate amount X on task item B on Citation Y (see Figure 3)

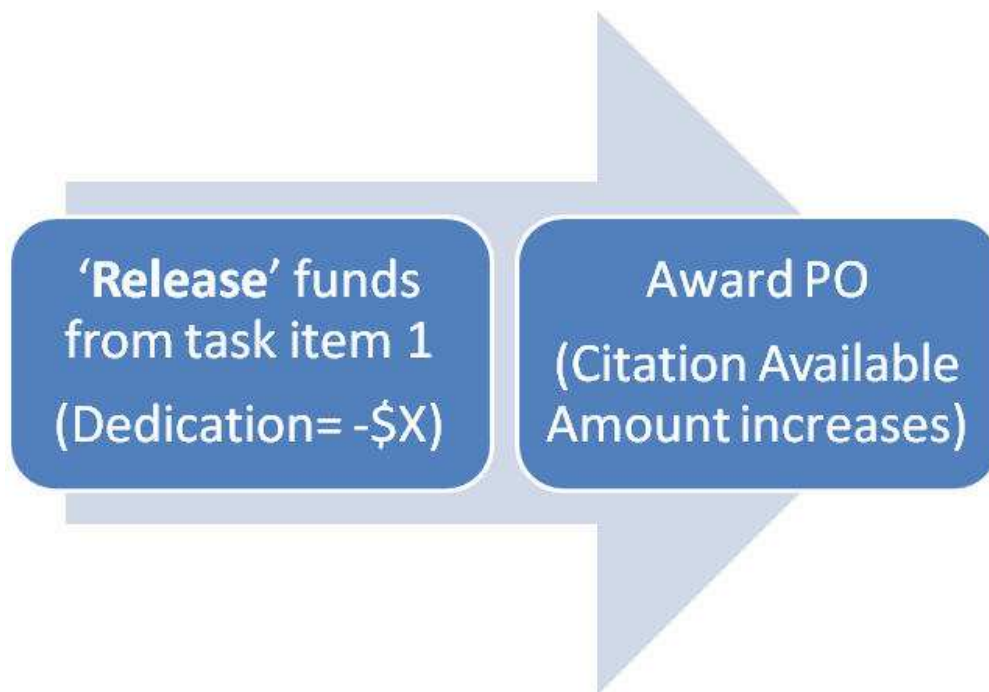


Figure 2: Previous 'First' Mod

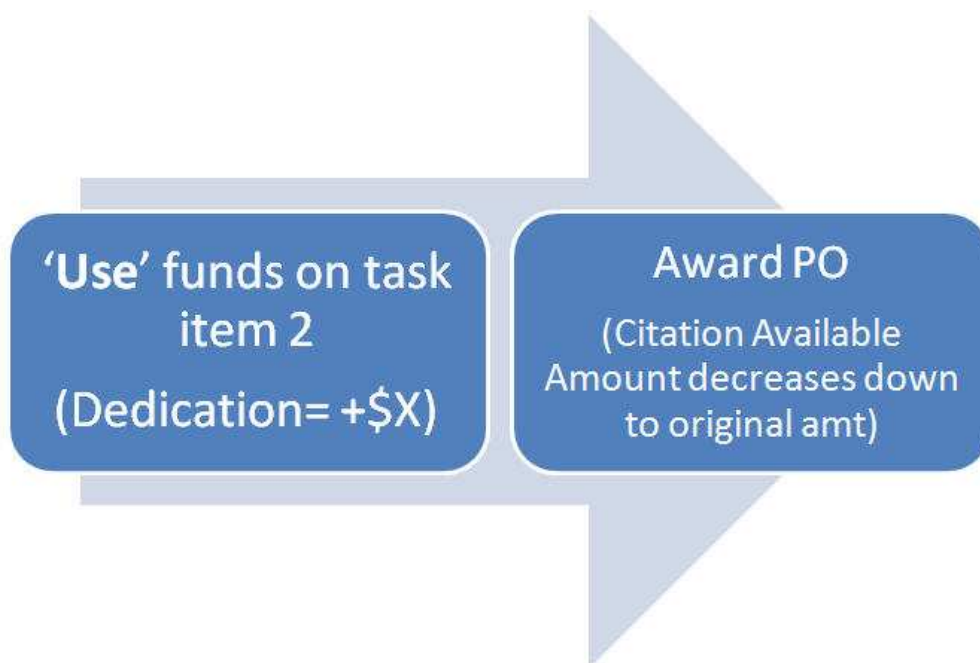


Figure 3: Previous 'Second' Mod

Two mods were necessary to perform the realignment of funds process in support of the following business rules:

- Funds returned to a citation via a negative dedication/obligation are not available for usage by another task item until the purchase order is validated TO NEAR.
- The Citation Available Amount will not reflect negative obligation amounts **until** the PO is TO NEAR.
- The RBA shall validate that the Task Item Cost dedicated on a citation plus the Task Item Fee dedicated on a citation do not exceed the Total Available amount of the citation (Hard validation).

With this change, the business rules have been updated to reflect the following:

- Funds returned to a citation via a negative dedication/obligation are not available for usage by another task item until the purchase order is validated TO NEAR unless realignment of funds is being performed.
- If realignment of funds is being performed then the Available Amount of the citation being used will reflect both the negative and positive obligation amounts AND the negative obligation amount will NOT be reflected in the Pending To NEAR amount.
- The system shall display the same value for the status of the Dedication/Obligation as displayed on the Citation document in both ITSS and ITOMS.
- Realignment of funds is defined as an obligation amount that is being moved from one task item to another task item on the same order, on the same CERT.
 - The amount being realigned is the absolute value of the amount being moved.
 - Users have the ability to perform normal positive and negative dedications as well as realignment of funds during the Certification of Funds.
- If realignment of funds is being performed then the Available Amount of the citation being used will reflect both the negative and positive obligation amounts AND the negative obligation amount will NOT be reflected in the Pending To NEAR amount.

Both ITSS and ITOMS will display the same Amount field values as calculated using the table of conditions below.

	FUNDING STATUS <> TO NEAR			FUNDING STATUS = TO NEAR		
	INCLUDE IN OBLIGATED AMOUNT	INCLUDE IN PENDING TO NEAR AMOUNT	INCLUDE IN AVAILABLE AMOUNT	INCLUDE IN OBLIGATED AMOUNT	INCLUDE IN PENDING TO NEAR AMOUNT	INCLUDE IN AVAILABLE AMOUNT
NORMAL NEGATIVE OBLIGATION -\$A.BC	NO	YES	NO	YES	NO	YES
NORMAL POSITIVE OBLIGATION \$D.EF	YES	NO	YES	YES	NO	YES
REALIGNED NEGATIVE OBLIGATION -\$X.YZ	YES	NO	YES	YES	NO	YES
REALIGNED POSITIVE OBLIGATION \$X.YZ	YES	NO	YES	YES	NO	YES

Table 1: Dedication Values Included in Amount Fields

Figure 4 describes an example mod where:

- Normal positive dedications are made (Citation E)
- Normal negative dedications are made (Citation A, Citation B, Citation D)
- \$30.00 is being realigned from Task Item 1 to Task Item 2 (Citation C)

Citation	Task Item 1 Increase/Decrease Amt = -\$100.00	Task Item 2 Increase/Decrease Amt = +\$100.00	Realignment Amount
Citation A	-\$10.00	\$0.00	\$0.00
Citation B	-\$20.00	\$0.00	\$0.00
Citation C	-\$30.00	+\$50.00	\$30.00
Citation D	-\$40.00	\$0.00	\$0.00
Citation E	\$0.00	+\$50.00	\$0.00
TOTAL Dedicated	-\$100.00	+\$100.00	

Figure 4: Realignment Amount- Example 1

As shown in the above screenshot, the realigned amount is \$30.00. The normal dedication amounts (i.e. the amount not being realigned) are:

- Total Positive Dedication Amount = \$70.00
- Total Negative Dedication Amount = \$70.00

The pre-existing business rules still apply to the positive and negative 'normal' dedications and their amounts are reflected in each Citation's Available Amount field as described by Table 1.

Similarly, Figure 5 describes an example mod where:

- Normal positive dedications are made (Citation E)
- Normal negative dedications are made (Citation A, Citation B)
- \$30.00 is being realigned from Task Item 1 to Task Item 2 (Citation C)
- \$20.00 is being realigned from Task Item 1 to Task Item 2 (Citation D)

Citation	Task Item 1 Increase/Decrease Amt = -\$100.00	Task Item 2 Increase/Decrease Amt = +\$100.00	Realignment Amount
Citation A	-\$10.00	\$0.00	\$0.00
Citation B	-\$20.00	\$0.00	\$0.00
Citation C	-\$30.00	+\$50.00	\$30.00
Citation D	-\$40.00	+\$20.00	\$20.00
Citation E	\$0.00	+\$30.00	\$0.00
TOTAL Dedicated	-\$100.00	+\$100.00	

Figure 5: Realignment Amount - Example 2

In the above example, realignment of funds is being performed on two citations, citation C and citation D.

2 UPDATES INCLUDED IN ITSS

This section provides details on updates implemented in IT Solutions Shop (ITSS).

2.1 CHG60281 - Realignment of Funds on a Single Mod

This change enables GSA users to perform the process of realignment of funds in ITSS utilizing only a single order modification to do so. Users will be able to perform the realignment of funds process within the current certification of funds process with the following available workflow routes:

1. The order is completely dedicated in ITSS, or
2. The order is completely dedicated in ITOMS, or
3. The order is partially dedicated in both ITSS and ITOMS, with ITOMS being the final dedication point

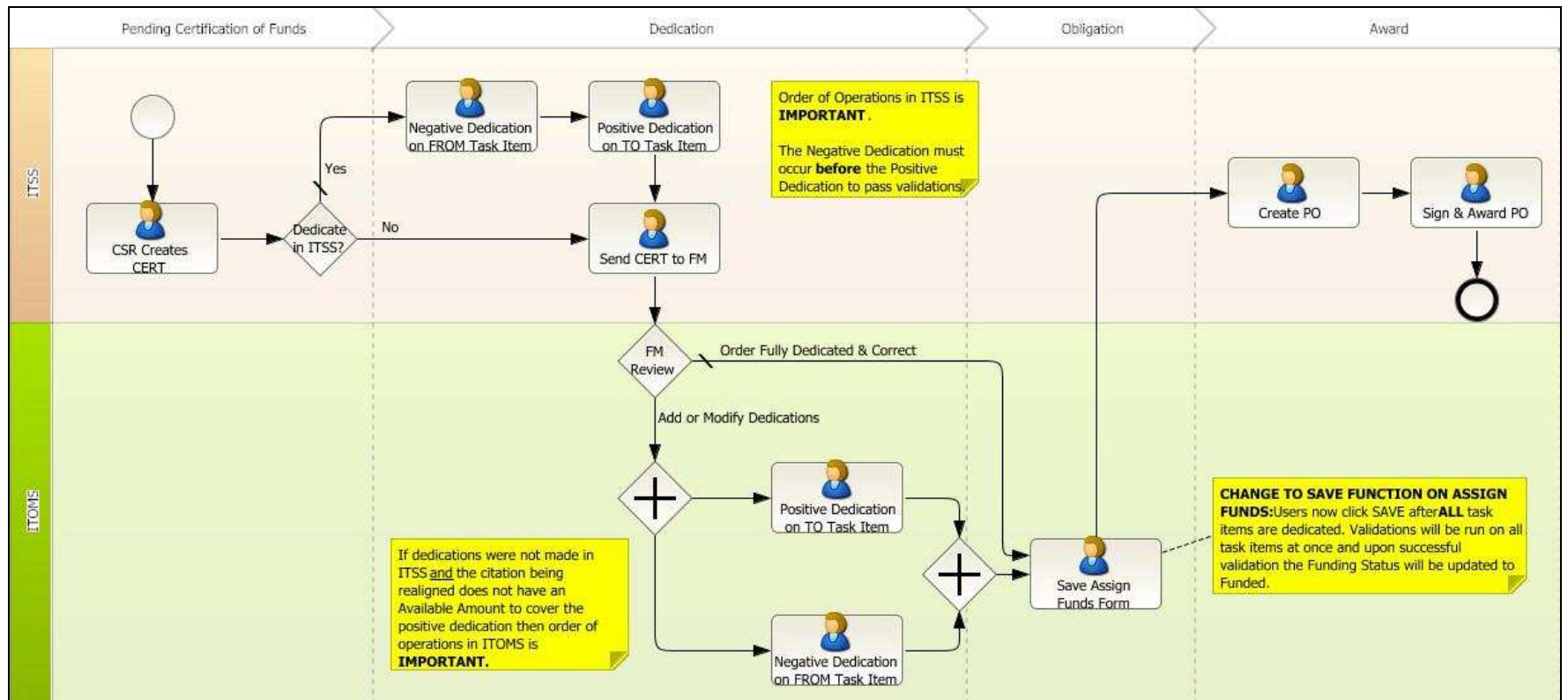


Figure 6: Realignment of Funds Process

Users can now perform both a negative dedication and a positive dedication, for realignment of funds, during a single Certification of Funds process on a single mod. When performing the realignment of funds process in ITSS, the order of operations is important. The following steps must occur in the specified order as depicted in Figure 7.

1. User releases funds from 1st task item via FROM dedication:
 - a. On the CERT, user navigates to the task item from which the obligation is moved FROM
 - b. User clicks Fund Task Items for the FROM task item
 - c. User creates a negative dedication for the amount being moved
 - d. User submits Fund Task Items page
2. User uses funds on 2nd task item via TO dedication:
 - a. On the CERT, user navigates to the task item to which the obligation is being moved TO
 - b. User clicks Fund Task Items for the TO task item
 - c. User creates a positive dedication for the amount being moved
 - d. User submits Fund Task Items page
3. User saves CERT via Submit button or Send to FM button

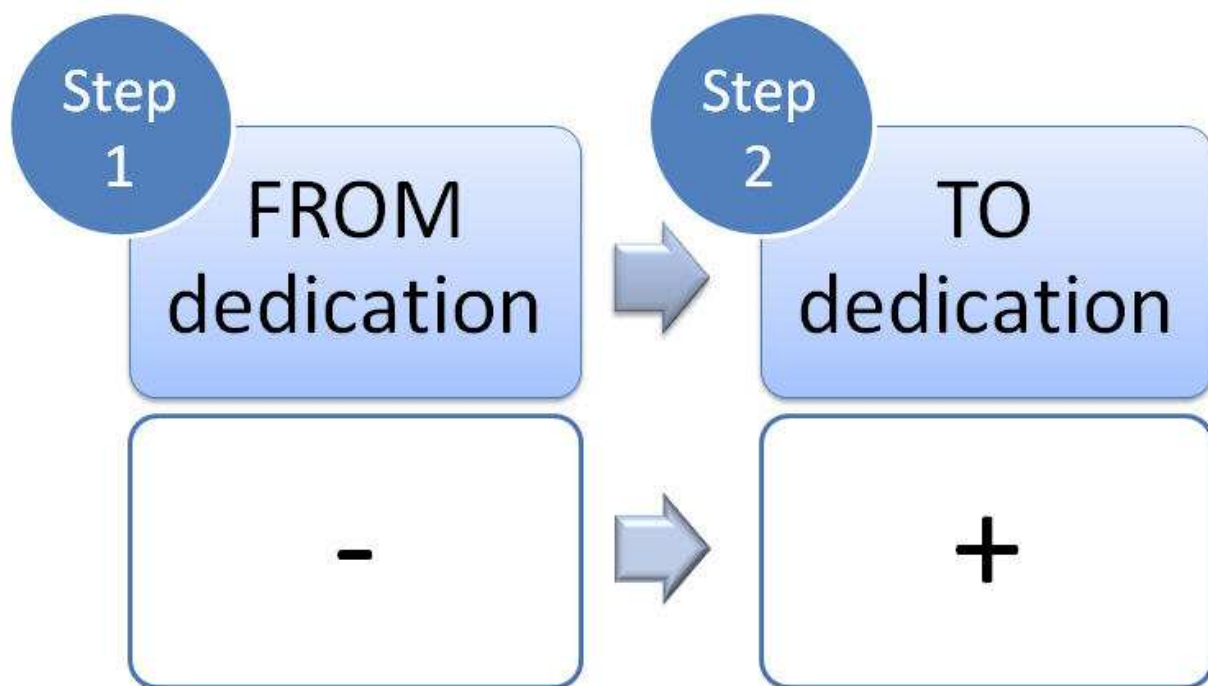


Figure 7: Order of Operation in ITSS

If the user follows the specified order of operations in ITSS, then users will be able to create realignment of funds dedications without being stopped by the following validation on the Fund Task Items page:

The Task Item Cost dedicated on a citation plus the Task Item Surcharge exceeds the Total Available amount of the citation.

Use the table below to allocate Funding Documents for this task item. In edit mode, enter the fund amounts to dedicate to this task item.

Funding Document No. (Citation Code) View Funding Documents Click above to view the Funding Documents DB	BA Code	Citation Expire Date	Current Total Available Total Available	Total Already Dedicated to this Task Item Cost	Total Already Dedicated to this Task Item Surcharge	Max Reduction Amt (Dedicated - Billed)	Amount to Dedicate to Task Item Cost on this CERT	Default Proportional Surcharge amount	Amount to Dedicate to Surcharge on this CERT
09-IA-11051000-026 (12 X 1115 11 TR 0510 WFHF1009 2510 MAMU FEE)	F1	09/30/2013	\$12,500.00 \$12,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
09-IA-11051000-026 (12 X 1115 11 TR 0510 WFHF1009 2510 NSO FEE)	F1	09/30/2013	\$20,000.00 \$20,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
F1ATD48238G001 (F57100 AA 9770400 1102 5K7 154E 306037 KP505R 59200 63750D 66 7100 FSR:000718 PSR:636617 DSR:121939)	F1	09/30/2008	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$20,000.00	\$800.00	\$800.00 The Task Item Cost dedicated on a citation plus the Task Item Surcharge exceeds the Total Available amount of the citation.

To refresh or update listed Funds - click here (the result will be values from the funding database, your edited values may be changed) >> [Refresh](#)

To Calculate Amount Left, click here >> [Calculate](#)

\$0.00 \$0.00

Figure 8: Fund Task Items Validation - Dedication Amount Exceeds Total Available Amount

2.1.1 Possible Side-Effect of Realigning Funds

If the user is performing realignment of funds in ITSS with the intent of keeping the Cost to Client amount the same, there is a possible side-effect that may require users to positively or negatively dedicate an additional penny. An example scenario is described below.

Example: User has an order with the following original amounts:

Task Item	Cost to GSA	Surcharge Rate	Surcharge Amt	Surcharge Amt banker's rounded	Cost to Client
1	\$177.77	5%	8.8885	\$8.89	\$186.66
2	\$200.00	5%	10.00	\$10.00	\$210.0
TOTAL	\$377.77			\$18.89	\$396.66

Table 2: Original Amounts

The user creates a mod to perform realignment of funds to move \$70.07 from task item 1 to task item 2. The user's intent is to simply move funds from one task item to another without any additional 'normal' dedications. The user is expecting the Total Cost to Client amount to remain the same thus resulting in a \$0.00 Cost to Client difference.

Task Item	Cost to GSA	Surcharge Rate	Surcharge Amt	Surcharge Amt banker's rounded	Cost to Client
1	\$177.77 - \$70.07 = \$ 107.70	5%	5.385	\$5.38	\$113.08
2	\$200.00 + \$70.07 = \$ 270.07	5%	13.5035	\$13.50	\$283.57
TOTAL	\$377.77			\$18.88	\$396.65

Table 3: New Amounts

However, the above table shows that because the calculated surcharge for task item 1 resulted in \$5.385 and banker's rounding was used (if 3rd digit is 5 then round to nearest even number – in this case the value stays at 5.38 since 8 is even), the surcharge amount of task item one was calculated at \$5.38 instead of \$5.39.

The end result is that the Total Surcharge being charged to the client is one penny less than the original amount. This situation is not a rounding error but rather a side effect of splitting an original amount that previously had a calculated surcharge on it into two different amounts each having a surcharge amount applied. Users should be aware that due to the surcharge being applied to each individual New Task Item Amount, it is possible that the Cost to Client amount will be decreased or increased by a penny.

3 UPDATES INCLUDED IN ITOMS

This section provides details on updates implemented in the Integrated Task Order Management System (ITOMS).

3.1 CHG59572 - Realignment of Funds on a Single Mod

This change enables GSA users to perform the process of realignment of funds in ITOMS utilizing only a single order modification to do so. Users will be able to perform the realignment of funds process within the current certification of funds process with the following available workflow routes:

1. The order is completely dedicated in ITSS, or
2. The order is completely dedicated in ITOMS, or
3. The order is partially dedicated in both ITSS and ITOMS, with ITOMS being the final dedication point

Two changes were implemented in the ITOMS Assign Funds module to facilitate the realignment of funds in a single mod process. The changes are described in detail below.

3.1.1 Change to Assign Funds Choose Funds Page

If dedications were not made in ITSS or were partially dedicated in ITSS, then the user will be required to make dedications in ITOMS to finish the realignment of funds process. When the user makes a dedication in ITSS and the CERT is sent to FM then the task item and citation dedicated become associated and both flow down to ITOMS. The user will see the dedication in the Task Item Subtasks (TOFs) Datagrid (see Figure 9).

Task Item:	123	POP Start:	07/01/2010	POP End:	09/30/2010
Cost to GSA:	\$300.00	Type of Charge:	Surcharge	Rate/Amt:	5%
Cost To Client:	\$315.00	BFY:	10	Type of Task Item:	LAB

	Task Item Value:	Fee Value:
Task Item Amount Dedicated:	\$0.00	\$0.00
Amount Required to Fully Fund Task Item:	\$0.00	\$0.00

Task Item Subtasks (TOFs)

Obligate each task item from the Task Item dropdown, then click Save to save the obligation of funds for all task items.

Save Edit Cancel Validate To NEAR Go To ITSS

Action	SubT	Funding Doc	Appropriation	Citation	Citatio	S...	Total Available	Obligate
NONE	01	F3YCBD9286G...	AA 5703400 300 87TI X...	09/30/...	N		\$0.00	

Figure 9: Dedication Flows Down to ITOMS

However, if the user does not perform the dedication in ITSS and the citation has not been previously used to fund the task item, then the citation will not already be associated with the task item and the user must add the citation using the Add/Replace Funds function.

The ITOMS Choose Funds screen, which is initiated when the user clicks the Add/Replace Funds link, allows the user to search for citations to add to the task item, but filters the results to only show:

- Citations whose Budget Activity Code matches the Program Type of the Order, and
- Citations whose Total Available Amount > 0.00

Prior to this change, users could not add any citations where the available amount was not already greater than zero. Even if the user was returning funds from another task item, ITOMS would not permit those 'released' funds to be used, by any task item, until the PO was TO NEAR.

With this change, funds being 'released' on a task item are immediately available for use on

another task item, within the **same** order, and the Citation Available Amount is updated to reflect the realigned amount.

If the available amount of the citation being realigned is \$0.00, then order of operation is important in ITOMS, since the Choose Funds screen still filters out citations with Available Amount = \$0.00. By performing the negative dedication first, the available amount on the citation will be increased by the “realigned” amount. At this time, the user is able to search for and select the citation since the Available Amount > \$0.00 (see Figure 10). When the user returns back to the Assign Funds screen, the citation will be displayed in the Task Item Subtasks (TOFs) Datagrid and will display an available amount equal to the ‘realigned amount’. From there, the user can continue with the positive dedication portion of the realignment of funds process.

GSA ITOMS
Signed in as Frances Flasinski

Search for Funding:
Search By: Funding Document # Search Input: F3YCBD9286G001 Go

Select	Funding Document	Citation	Available	Expiration
<input type="checkbox"/>	F3YCBD9286G001	AA 5703400 300 87TI XXFJ58 010000	210	09/30/2010

Apply Citation

Figure 10: ITOMS Choose Funds page

3.1.2 Change to Assign Funds Save Function

In order to facilitate the realignment of funds in a single mod process, the ITOMS Assign Funds Save function was modified. Prior to this change, ITOMS users had to click the Save button after dedicating each task item. Now, the Save function is performed for all task items simultaneously.

Task Item Subtasks (TOFs)

Obligate each task item from the Task Item dropdown, then click Save to save the obligation of funds for all task items.

Save Edit Cancel Validate To NEAR Go To ITSS

Sel...	Actio...	SubT...	Funding Docu...	Appropriation Citation ...	Citati...	S...	Total Available	Obligated to Cost
<input type="checkbox"/>	NONE	01	F3YCBD9286G...	AA 5703400 300 87TI XX...	09/30/...	N	\$0.00	\$300

[Excel]

Save Edit Cancel Validate To NEAR Go To ITSS

Figure 11: New Save Design in Assign Funds

When the user clicks the Save button on the Assign Funds screen (while viewing any task item) the system will:

- Run validations on ALL task item dedications
- If validations are successful then the system will save ALL dedications on ALL task items as obligations
- If validations fail then the system will display the appropriate error message(s) to the user

4 UPDATES INCLUDED IN CODB

This section provides details on updates implemented in the Common Oracle Database (CODB).

4.1 CHG59572 – Realignment of Funds on a Single Mod

The following views were updated to accurately reflect the Citation Available Amount as described in Table 1.

- VIEW_FUND_CITE_AMOUNTS
- VIEW_FUND_DOC_TOTALS

The following functions were updated to accurately calculate Available Amounts as described in Table 1.

- SF_OBLIGATED_AMT
- SF_REALIGNMENT_AMT (*new function*)
- SF_CITE_PENDING_AMT

5 FOLLOW-ON SUPPORT

If assistance is needed with the RBA Application, users are encouraged to call 1 (877) 243-2889, option 1.

- End -